



# CITY OF LODI

## COUNCIL COMMUNICATION

**AGENDA TITLE:** Contract Change Order for CHEC Engineering Consultants for Pavement Management System Rate City Street Network; and Request an Appropriation of \$29,330

**MEETING DATE:** January 17, 2001

**PREPARED BY:** Public Works Director

**RECOMMENDED ACTION:** This item brings to the Council the Contract Change Order for CHEC Engineering Consultants for Pavement Management System Rate City Street Network, and a request to appropriate funds in the amount of \$29,330.

**BACKGROUND INFORMATION:** This information is being given to the City Council in accordance with the Contract Change Order policy approved by Resolution 85-173. One of the requirements of this policy is that we inform the City Council of all change orders over 10 percent of the contract amount.

In October 2000, the City received a State grant of \$412,000 (AB 2928) for the specific purpose of maintaining existing streets and roads. Conditions of the grant mandated that maintenance work be completed by July 1, 2002.

The recently purchased Pavement Management Software System, authorized by Council at its May 17, 2000 meeting, assists the Public Works Department in managing the maintenance strategies for the approximately 175 miles of City streets. In order to fully utilize the capabilities of this new system, a current visual condition rating (VCR) for all roadblocks is necessary. The VCR by CHEC Engineering Consultants (CHEC) will include:

1. Taking a digital photo(s) of the road block
2. Verification of the geometrics for each road block and segment
3. Reevaluation of the roads for defects (alligator cracking, longitudinal cracking, transverse cracking, raveling, and rutting)

These additional services by CHEC significantly accelerate the implementation schedule for the Pavement Management Software System by completing necessary VCR's in 90 days. Alternatively, similar work by staff is expected to take 6 to 9 months.

The City's capabilities to achieve a best-use strategy for the State grant funds are improved by having an updated and operational pavement management system that will result from CHEC's additional services to the City. The VCR data and software package will enable City staff to quickly identify our most urgent maintenance needs and, thereby, allow staff sufficient time to complete the maintenance work in advance of the grant deadline.

The attached Contract Change Order, approved by the City Manager, is in the not-to-exceed amount of \$29,330, which is 83 percent of the contract. As part of this Contract Change Order, 4 to 5 additional weeks (weather permitting) were added to the contract for completion of this work.

**FUNDING:** Budgeted Fund: Measure K  
Original Contract Amount: \$35,230  
Requested Appropriation: \$29,330  
Funding Available:

*Ruby R. Parita for*  
Vicky McAthie, Finance Director

*Richard C. Prima, Jr.*  
Richard C. Prima, Jr.  
Public Works Director

Prepared by F. Wally Sandelin, City Engineer  
RCP/FWS/lm  
Attachment  
cc: George Bradley, Street Superintendent

APPROVED: \_\_\_\_\_

*H. Dixon Flynn*  
H. Dixon Flynn -- City Manager

CITY OF LODI  
PUBLIC WORKS DEPARTMENT

CONTRACT CHANGE ORDER NO. 1

Sheet 1 of 1  
Date Dec. 4, 2000  
Account No. 325307.7323

PROJECT: Pavement Management System Rate City Street Network  
CONTRACTOR: CHEC Engineering Consultants

You are directed to make the following changes or do the following work not included in the Plans and Specifications on this contract.

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Description of work to be done, estimate of quantities, and prices to be paid. Specify whether additional work is at contract price, agreed price, or force account. Unless otherwise stated, rates for rental of equipment cover only such time as equipment is actually used and no allowance will be made for idle time.

The recently purchased Pavement Management Software System, Not to exceed \$29,330.00 authorized by Council at its May 17, 2000 meeting, assists the Public Works Department in managing the maintenance strategies for the approximately 175 miles of City streets. In order to fully utilize the capabilities of this new system, the visual condition of the streets needs to be updated and the database adjusted. The visual condition rating (VCR) will include:

1. Taking a digital photo(s) of the roadway
2. Verification of the geometric of each road block and segment
3. Reevaluation of the roads defects (alligator cracking, longitudinal cracking, transverse cracking, raveling, and rutting)

PERCENT OF  
CONTRACT

Original Contract Price	\$ 35,230.00	
Total Cost of This Change Order NOT TO EXCEED	\$ 29,330.00	83%
Previous Change Orders	\$ -0-	
Total Cost of All Change Orders to Date	\$ 29,330.00	83%
Contract Price, Including All Change Orders, Will Be:	\$ 64,560.00	

Time of completion will be adjusted as follows: Four to five additional weeks (weather permitting).

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Submitted By George M. Bradley Date 12-14-00  
Approval Recommended Theresa Savage Date 12-14-00  
Approved, Public Works Director Richard Chinn Date 12/19/00  
Approved, City Manager (Per Public Works Policies and Procedures, Administration 4.1) [Signature] Date 12/21/00

The undersigned contractor, having carefully considered the change proposed, agrees, if this proposal is approved, to provide all equipment, furnish all materials, except as otherwise noted above, perform all services necessary for the work above specified, and accept as full payment the prices shown above.

ACCEPTED: Date 12-18-00 Contractor CHEC Consultants, Inc.  
By Alan Antio Title President

If the contractor does not sign acceptance of this order, the contractor should refer to Section 4-1.03A of the Standard Specifications regarding filing a written protest within the specified time.